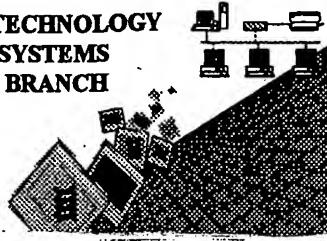


## RAW SEQUENCE LISTING ERROR REPORT



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/083,936A  
Source: O1PE  
Date Processed by STIC: 8/7/02

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

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FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

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Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<http://www.uspto.gov/ebc/efs/downloads/documents.htm>), EFS Submission User Manual - ePAVE)
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OIPE

**Does Not Comply  
Corrected Diskette Needed**

**RAW SEQUENCE LISTING**  
PATENT APPLICATION: US/10/083,936A

DATE: 08/07/2002  
TIME: 09:48:31

Input Set : A:\EP.txt  
Output Set: N:\CRF3\08072002\J083936A.raw

3 <110> APPLICANT: Moore, Jeffrey G  
 5 <120> TITLE OF INVENTION: Compositions and Methods for Protecting Tissues and Cells  
 from Damage,  
 6 and For Repairing Damaged Tissues  
 8 <130> FILE REFERENCE: 108236.130  
 10 <140> CURRENT APPLICATION NUMBER: 10/083,936A  
 11 <141> CURRENT FILING DATE: 2002-02-27  
 13 <150> PRIOR APPLICATION NUMBER: US 60/271,666; US 60/302,716  
 W--> 14 <151> PRIOR FILING DATE: 2001-02-27; 2001-07-03  
 16 <160> NUMBER OF SEQ ID NOS: 10  
 18 <170> SOFTWARE: PatentIn Ver. 2.1

#### ERRORED SEQUENCES

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164 <210> SEQ ID NO: 6
165 <211> LENGTH: 304
166 <212> TYPE: PRT
167 <213> ORGANISM: Phaseolus vulgaris
169 <400> SEQUENCE: 6
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171      1           5          10          15
173 Asp Leu Ile Phe Gln Gly Asp Ala Thr Ser Thr Asn Asn Val Leu Gln      30
174      20          25          30
176 Leu Thr Lys Leu Asp Ser Gly Gly Asn Pro Val Gly Ala Ser Val Gly      45
177      35          40          45
179 Arg Val Leu Phe Ser Ala Pro Phe His Leu Trp Glu Asn Ser Met Ala      60
180      50          55          60
182 Val Ser Ser Phe Glu Thr Asn Leu Thr Ile Gln Ile Ser Thr Pro His      80
183      65          70          75          80
185 Pro Tyr Tyr Ala Ala Asp Gly Phe Ala Phe Phe Leu Ala Pro His Asp      95
186      85          90          95
188 Thr Val Ile Pro Pro Asn Ser Trp Gly Lys Phe Leu Gly Leu Tyr Ser      110
189      100         105         110
191 Asn Val Phe Arg Asn Ser Pro Thr Ser Glu Asn Gln Ser Phe Gly Asp      125
192      115         120         125
194 Val Asn Thr Asp Ser Arg Val Val Ala Val Glu Phe Asp Thr Phe Pro      140
195      130         135         140
197 Asn Ala Asn Ile Asp Pro Asn Tyr Arg His Ile Gly Ile Asp Val Asn      160
198 145      150         155         160
200 Ser Ile Lys Ser Lys Glu Thr Ala Arg Trp Glu Trp Gln Asn Gly Lys      175
201      165         170         175
203 Thr Ala Thr Ala Arg Ile Ser Tyr Asn Ser Ala Ser Lys Lys Ser Thr      190
204      180         185         190

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RAW SEQUENCE LISTING  
PATENT APPLICATION: US/10/083,936A

DATE: 08/07/2002  
TIME: 09:48:31

Input Set : A:\EP.txt  
Output Set: N:\CRF3\08072002\J083936A.raw

206	Val	Thr	Thr	Phe	Tyr	Pro	Gly	Met	Glu	Val	Val	Ala	Leu	Ser	His	Asp	
207								195		200					205		
209	Val	Asp	Leu	His	Ala	Glu	Leu	Pro	Glu	Trp	Val	Arg	Val	Gly	Leu	Ser	
210								210		215					220		
212	Ala	Ser	Thr	Gly	Glu	Glu	Lys	Gln	Lys	Asn	Thr	Ile	Ile	Ser	Trp	Ser	
213	225							230			235				240		
215	Phe	Thr	Ser	Ser	Leu	Lys	Asn	Asn	Glu	Val	Lys	Glu	Pro	Lys	Glu	Asp	
216								245		250					255		
218	Met	Tyr	Ile	Ala	Asn	Val	Val	Arg	Ser	Tyr	Thr	Trp	Ile	Asn	Asp	Val	
219								260		265					270		
E-->	221	Leu	Ser	Tyr	Ile	Ser	Asn	Lys	*	Met	Tyr	Asp	Ala	Leu	Asn	Asn	Asn
E-->	222							275		280					285		
E-->	224	His	Lys	Tyr	Val	Arg	Cys	Ser	Thr	Cys	Met	Leu	Phe	Met	Lys	Lys	
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313	<213>	ORGANISM:	Sphenostylis stenocarpa														
315	<400>	SEQUENCE:	10														
E-->	316	Ala	Ala	Ser	Asn	Asn	Val	Val	Ala	Val	Glu	Phe	Asp	Thr	Xaa	Pro	Asn
317								1		5					10		15

→ invalid Stop Codon

→ invalid amino numbering

See p. 3 for explanation

VARIABLE LOCATION SUMMARY  
PATENT APPLICATION: US/10/083,936A

DATE: 08/07/2002  
TIME: 09:48:32

Input Set : A:\EP.txt  
Output Set: N:\CRF3\08072002\J083936A.raw

Use of n's or Xaa's(NEW RULES):

Use of n's and/or Xaa's have been detected in the Sequence Listing.  
Use of <220> to <223> is MANDATORY if n's or Xaa's are present.  
in <220> to <223> section, please explain location of n or Xaa, and which  
residue n or Xaa represents.

Seq#:10; Xaa Pos. 14

VERIFICATION SUMMARY  
PATENT APPLICATION: US/10/083,936A

DATE: 08/07/2002  
TIME: 09:48:32

Input Set : A:\EP.txt  
Output Set: N:\CRF3\08072002\J083936A.raw

L:14 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD  
L:221 M:342 E: Invalid Stop Code On Error, STOP CODON:\*

L:222 M:332 E: (32) Invalid/Missing Amino Acid Numbering, SEQ ID:6  
M:332 Repeated in SeqNo=6  
L:316 M:340 E: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:10